WHAT IS CLAIMED IS:

1. A dielectric filter comprising:

a substantially rectangular parallelepiped dielectric block having a plurality of inner-conductor-formed holes arranged therein, inner conductors being disposed on the inner surfaces of the holes;

coupling electrodes formed on an outer surface of the dielectric block and extended at least to an edge of the dielectric block at which an opening surface of the dielectric block containing open ends of the inner-conductor-formed holes joins a side surface of the dielectric block which is arranged parallel to a direction in which the holes are aligned, the coupling electrodes being connected to the inner conductors, the coupling electrodes generating a capacitance therebetween so as to couple said inner conductors; and

an outer conductor arranged on outer surfaces of the dielectric block.

2. A dielectric filter according to Claim 1, wherein said coupling electrodes further extend onto said side surface of said dielectric block.

3. A dielectric filter according to one of Claims 1 and 2, further comprising input/output electrodes arranged on a second side surface opposing said side surface and extending from a second edge, opposing said edge to generate capacitances between the open end portions of the inner conductors and the input/output electrodes.

4. A dielectric duplexer comprising a pair of dielectric filters according to Claim 3, one input/output electrode of one filter being usable as a transmission-signal input electrode, one input/output electrode of the other filter being usable as a

reception-signal output electrode, and the other respective input/output electrodes of both filters being connected together and to an antenna-connecting electrode.

5. A communication apparatus comprising a high-frequency circuit and, connected thereto, the dielectric filter according to one of Claims 1 and 2.

6. A communication apparatus comprising a high-frequency circuit and, connected thereto, the dielectric duplexer according to Claim 4.